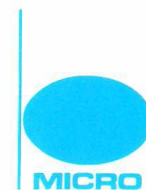


MICRO

precision designed & engineered high fidelity record playing equipment and accessories



WORLD OF MICRO is created by the talented team of engineers, skilled sound technicians and expert designers. The complete line represents a combination of many years of our research to send you qualified high fidelity components: Turntable Decks, Stereo Cartridges, Tone Arms, and Complete Players. The MICRO trademark, which symbolizes an elliptic stylus tracing the grooves, is tantamount to the slogan of the company, an integrated manufacturer specializing in the production of turntables that challenge the ultimate in faithful reproduction of the original sound. Each unit is assembled with craftsmanship skill and pride. Each completed unit is quality-tested at the factory and delivered to you to assure dependable and trouble free performance.



MR-611

PROFESSIONAL QUALITY BELT DRIVE STEREO TURNTABLE

- BELT DRIVE TURNTABLE, MB-600 with 8 pole hysteresis synchronous motor assures smooth, constant and stable rotation with minimized wow-flutter and high S/N ratio.
- STATIC BALANCE TYPE S-SHAPED TONE ARM, MA-101MK-II permits cartridges to track the record groove faithfully with the delay motion arm lifter which protects stylus & disc. New spring type ANTI-SKATING DEVICES with BIAS DIAL are effective for cancel the inside force according to the stylus pressure.
- VARIABLE FLUX (U.S. PAT NO.3538266) CARTRIDGE VF-3200/e is provided with the elliptical stylus, precisely aligned and assembled for linear frequency response.
- WOODEN CASE/SMOKED DUST COVER adopt a sophisticated design.
- AIR DAMPED SHOCK ABSORBER/HEAVY CASE eliminate howling.

SPECIFICATIONS

Turn Table	: Cast aluminum alloy double rim platter, 12-1/4" (31cm) outer diameter, weight 3lbs. 21/2 oz.
Drive motor	: 8 pole Hysteresis synchronous capacitor-starting motor.
Power requirements	: Universal voltage 100V, 110V, 117V, 200V, 220V and 240V or 117V model for U.S.
Speed	: 2 speeds, 33-1/3 and 45 r.p.m., changeable with push-button speed selector, located on the panel board.
Wow flutter	: less than 0.05%.
S/N ratio	: better than 52 db.
Tone Arm	: static balance type S-shaped tubular tone-arm with spring type (adjustable) perfect antiskating device, split and revolving type counter weight with direct reading stylus pressure ring and oil damped arm lifter.
MA-101MK-II	
Effective length	: 237mm.
Over hang	: 15mm.
Off-set angle	: 21 degrees.
Tracking error	: less than 1.5 degrees.
Acceptable cartridge weight	: 4 to 15 grams.
Variable range of inside force canceller	: up to 400m grams.
Head shell	: plug-in type, non-resonance pressed light aluminum alloy with slide base for easy adjustment of over hang.

Cartridge

VF-3200/e

Frequency response	: 5 to 35,000 Hz.
Channel separation	: better than 30db at 1kHz.
Output balance	: less than 1/2 db.
Output voltage	: 3mV at 1kHz. 3.54cm/dyne.
Compliance	: 30×10^{-6} cm/dyne.
Tracking force	: 1/2 to 1-1/2 grams.
Suitable load resistance	: 47 to 50K ohms.
Stylus	: V-3200/e 0.3×0.8mil, elliptical diamond.
Cartridge weight	: 4.5 grams.

Accessory equipment: BELT PROTECTION MECHANISM, included in push-button speed selector works only when the motor is running.
Spare capstan pulley, 50 Hz or 60 Hz.

Dimensions : 19-3/4" (wide) × 15-1/2" (depth) × 7-5/8" (height), including 1-1/2" of rubber feet.

Net weight : 22lbs.



MR-411

AN IDEAL BELT DRIVE STEREO TURNTABLE

- BELT DRIVE TURNTABLE, MB-400S with heavy duty 4 pole hysteresis synchronous motor assures smooth, constant and stable rotation with minimized wow-flutter and high S/N ratio.
- STATIC BALANCE TYPE S-SHAPED TONE ARM, MK-77MK-II offers the stable and safety operation with the delay motion arm lifter, which protects the stylus & disc and assures "feather touch" cuing.
- SUPER MICRO TRACE CARTRIDGE, M-2100/e delivers sound of super tone quality with excellent tracing ability (1/2 — 1-1/2 grms).
- WALNUT OIL FINISH WOODEN CASE of 3/4" thickness is effective for elimination of howling.

SPECIFICATIONS

- Turn Table** : Cast aluminum alloy double rim platter, 12-1/4" (31cm) outer diameter, weight 3lbs. 21/2 oz.
- Drive motor : 4 pole Hysteresis synchronous capacitor-starting motor.
- Power requirements : Universal voltage 100V, 110V, 117V, 200V, 220V and 240V or 117V model for U.S.
- Speed : 2 speeds, 33-1/3 and 45 r.p.m., changeable with push-button speed selector, located on the panel board.
- Wow flutter : less than 0.06%.
- S/N ratio : better than 50db.
- Tone Arm** : static balance type S-shaped tubular tone-arm with spring type (adjustable) perfect antiskating device, split and revolving type counter weight with direct reading stylus pressure ring and oil damped arm lifter.
- MA-77MK-II**
- Effective length : 237mm.
- Over hang : 15mm.
- Off-set angle : 21 degrees.
- Tracking error : less than 1.5 degrees.
- Acceptable cartridge weight : 4 to 18 grams.
- Variable range of inside force canceller : 0 — 330 m grams.
- Head shell : plug-in type, non-resonance pressed light aluminum alloy with slide base for easy adjustment of over hang.
- Cartridge** : super micro trace cartridge, or variable flux cartridge for U.S. model.
- M-2100/e**
- Frequency response : 10 to 30,000 Hz.
- Channel separation : better than 30db at 1kHz.
- Output balance : less than 1/2 db.
- Output voltage : 4mV at 1kHz. 3.54cm/dyne.
- Compliance : 28×10^{-6} cm/dyne.
- Tracking force : 1/2 to 1-1/2 grams.
- Suitable load resistance : 50 to 100k ohms.
- Stylus : V-2100/e, 0.3 x 0.8 mil, elliptical diamond.
- Cartridge weight : 4.5 grams.
- Accessory equipment** : BELT PROTECTION MECHANISM, included in push-button speed selector works only when the motor is running.
- Spare capstan pulley, 50 Hz or 60 Hz.
- Dimensions** : 19-3/4" (width) x 15" (depth) x 7-5/8" (height), including 1" of rubber feet.
- Net weight** : 20lbs.



MR-311

SEMI-PROFESSIONAL QUALITY BELT DRIVE STEREO TURNTABLE

- BELT DRIVE TURNTABLE, MB-300 with 4 pole outer-rotor hysteresis synchronous motor assures smooth, constant and stable rotation with excellent S/N ratio.
- STATIC BALANCE TYPE S-SHAPED TONE ARM, MA-77MK-II, operates with the high sensitivity.
- DELAY MOTION ARM LIFTER protects the stylus, disc, and assures "feather touch" cuing.
- MICRO TRACE CARTRIDGE, M-2100/6 reproduces the fresh dynamic sounds with the fine tracing ability (3/4 — 4 grms).

SPECIFICATIONS

Tune Table : Cast aluminum alloy double rim platter, 12-1/4" (31cm) outer diameter. weight 3lbs.

Drive motor : 4-pole hysteresis synchronous outer rotor.

Power requirement : Universal voltage 100V, 110V, 117V, 200V, 220V and 240V or 117V model for U.S.

Speed : 2 speeds, 33-1/3 and 45 r.p.m., changeable with push-button speed selector, located on the panel board.

Wow flutter : less than 0.06%.

S/N ratio : better than 50db.

Tone Arm : static balance type S-shaped tubular tone-arm with spring type (adjustable) perfect antiskating device, split and revolving type counter weight with direct reading stylus pressure ring and oil damped arm lifter.

MA-77MK-II : 237mm.

Effective length : 15mm.

Over hang : 21 degrees.

Off-set angle : less than ± 0.75 degrees.

Tracking error : Acceptable cartridge weight : 4 to 18 grams.

Variable range of inside force canceller : 0 — 330 m grams.

Head shell : plug-in type, non-resonance pressed light aluminum alloy with slide base for easy adjustment of over hang.

Cartridge : micro trace cartridge.

Cartridge

M-2100/6 : Frequency response : 10 to 28,000 Hz.

Channel separation : better than 30db at 1kHz.

Output balance : less than 1/2 db.

Output voltage : 6mV at 1kHz. 3.54cm/dyne.

Compliance : 23×10^{-6} cm/dyne.

Tracking force : 3/4 — 2-1/2 grams.

Suitable load resistance : 50 to 100k ohms.

Stylus : (type V-2100/6) 0.6 mil, round diamond.

Cartridge weight : 4.5 grams.

Accessory equipment: BELT PROTECTION MECHANISM, included in push-button speed selector works only when the motor is running.
Spare capstan pulley, 50 Hz or 60 Hz.

Dimensions : 19-3/4" (width) $\times$ 15" (depth) $\times$ 6-3/8" (height), including 3/4" of rubber feet.

Net weight : 18lbs.



MR-111

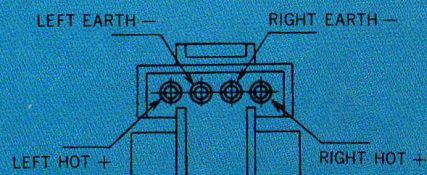
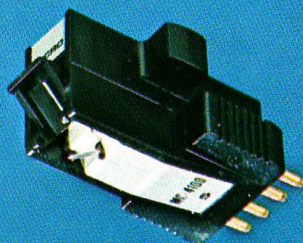
BEST BUY BELT DRIVE STEREO TURNTABLE

- BELT DRIVE TURNTABLE with 4 pole synchronous motor maintains constant speeds against fluctuations in line voltage.
- STATIC BALANCE TYPE TUBULAR TONE ARM with anti-skating device offers the fine tracking ability.
- Oil damp arm lifter assures the smooth and safety operation of tone arm.
- Anti-skating devices are effective for the cancel of the inside force.
- Revolving type counter with direct reading stylus pressure makes easier to adjust the balance of tone arm and obtain the proper stylus pressure for the cartridges.
- MICRO TRACE CARTRIDGE M-2100/6 delivers with fine music sound with the better high frequency.

SPECIFICATIONS

Turn Table	: aluminum alloy die-cast double rim platter, 12" outer diameter, weight 2lbs.
Drive motor	: 4-pole synchronous motor.
Power requirements	: 110V (usable 100 to 117 volts) 24VA or 220V (usable 200 to 240 volts) 24VA, changeable with voltage selector slide switch, located under the platter.
Speed	: 2-speeds, 33-1/3 and 45 r.p.m., changeable with speed selector slide lever, located on the panel board.
Wow-flutter	: less than 0.1%.
S/N ratio	: better than 45 db.
Tone Arm	: static balance type tubular tone-arm with anti-skating device and revolving type scale counter weight with direct reading stylus pressure ring.
Effective length	: 222mm.
Over hang	: 15mm.
Off-set angle	: 23 degrees.
Tracking error	: less than ± 1 degree.
Acceptable cartridge weight	: 4 to 8 grams.
Stylus pressure	: 0 to 5 grams.
Head sell	: plug-in type, pressed light aluminum alloy.
Cartridge	: M-2100/6, micro trace cartridge.
Frequency response	: 10 to 28,000 Hz.
Channel separation	: better than 30db, at 1kHz.
Output balance	: less than 1.0 db.
Output voltage	: 6mV at 1kHz, 3.54cm/sec.
Compliance	: 23×10^{-6} cm/dyne at 100 Hz.
Tracking force	: 1.5 gram to 3 grams.
Suitable load resistance	: 50 to 100k ohms.
Stylus	: 0.6 mil round diamond.
Cartridge weight	: 4.5 grams.
Accessory equipment	: OIL DAMPED ARM LIFTER. BELT PROTECTION MECHANISM. included in speed selector lever, protects drive belt when it is shifted to change speeds. Spare capstan pully, 50 Hz or 60 Hz.
Dimensions	: 17-5/8" (width) $\times$ 13-1/4" (depth) $\times$ 6-3/8" (height).
Net weight	: 15lbs.
MR-111, best buy belt drive stereo turn table unit. (w/o wooden base)	
Dimensions	: 15-1/4" (width) $\times$ 12-1/16" (depth) $\times$ 5-3/8" (height).
Net Weight	: 10lbs.

MC-4100

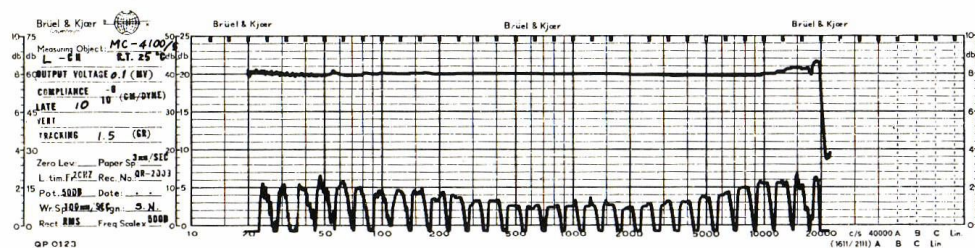


MC-4100/e offers faithfully delicacy and richness in music and high compliance in tracing with the wider frequency response. "Easy to replace" stylus makes easier to enjoy high-resolution transparent sound of M.C. type cartridges.

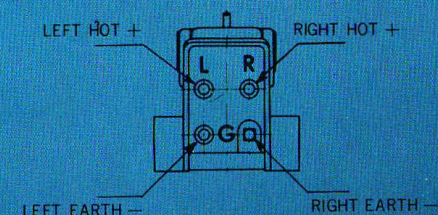
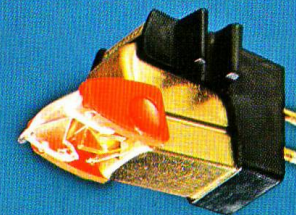
SPECIFICATIONS

Frequency Response	: 5~40,000Hz, 20~20,000 +2.5dB -0.5dB
Channel Separation	: 33dB at 1kHz
Compliance	: 30×10^{-6} cm/dyne
Output Voltage	: 0.1mV, 1kHz/3.54cm/sec.
Tracking Force	: 1½ grs (½~2½ grs)
Stylus	: V-4100/e for MC-4100/e, 0.3 × 0.8mil, elliptical V-4100/5 for MC-4100/5, 0.5mil, round
Suitable Load Resistance	: 3 ohms
Net Weight	: 8 grs

FREQUENCY RESPONSE AND CHANNEL SEPARATION



VF-3200

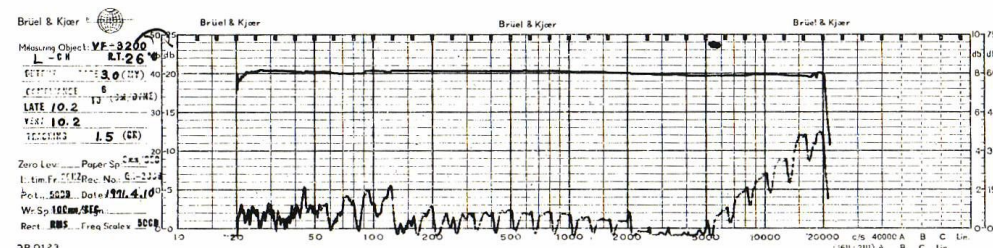


Unique variable flux type VF-3200/e (low-mass elliptical stylus) & /XE (Standard elliptical) & /EB & /5 deliver the richness in low frequency, the high brilliant in high frequency and the transparent middle frequency by adopting 25μ cantilever. (VF-3200/e only)

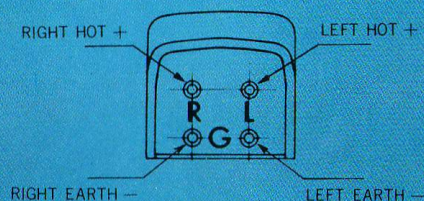
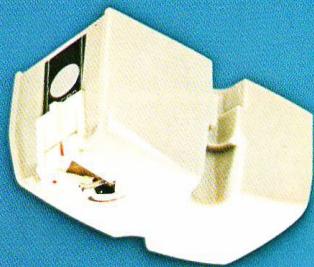
SPECIFICATIONS

Frequency Response	: 5~35,000Hz
Channel Separation	: 30dB at 1kHz
Compliance	: 30×10^{-6} cm/dyne
Output Voltage	: 3mV, 1kHz/3.54cm/sec.
Output Balance	: less than ½ dB
Tracking Force	: 1½ grs
Stylus	: V-3200/e, /XE, /EB, 0.3mil × 0.8mil, elliptical V-3200/5, 0.5mil round
Suitable Load Resistance	: 47~50k ohms
Net Weight	: 4.5 grs

FREQUENCY RESPONSE AND CHANNEL SEPARATION



VF-3100-II

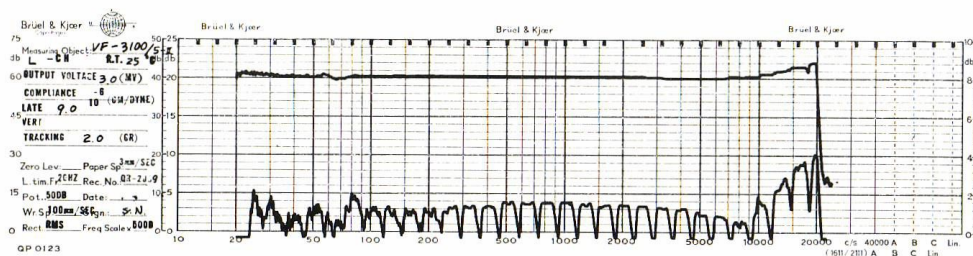


Unique variable flux (VF) type stereo cartridge is based on the induced magnet (IM) principle, which is a variation of the variable reluctance cartridge. The efficient designed magnetic circuits with high precision converts every fine movement of the stylus, assuring extremely realistic musical presence.

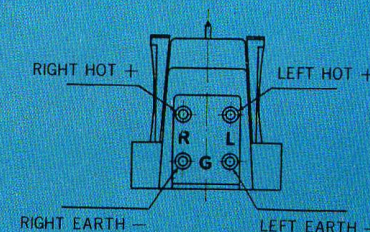
SPECIFICATIONS

	VF-3100/5	VF-3100/e-II
Frequency Response	5~30,000 Hz	5~35,000 Hz
Channel Separation	30dB at 1kHz	30dB at 1kHz
Compliance	20×10^{-6} cm/dyne	20×10^{-6} cm/dyne
Output Voltage	3mV, 1kHz/3.54cm/sec.	3mV, 1kHz/3.54cm/sec.
Output Balance	less than 1/2 dB	better than 1/2 dB
Tracking Force	2grs (1~2 1/2 grs)	2grs (3/4 ~ 4 grs)
Stylus	V-3100/5 0.5 mil, round	V-3100/e-II 0.3 mil $\times$ 0.8 mil
Suitable Load Resistance	47k ohms	47k ohms
Net Weight	7.5grs	7.5grs

FREQUENCY RESPONSE AND CHANNEL SEPARATION



M-2100

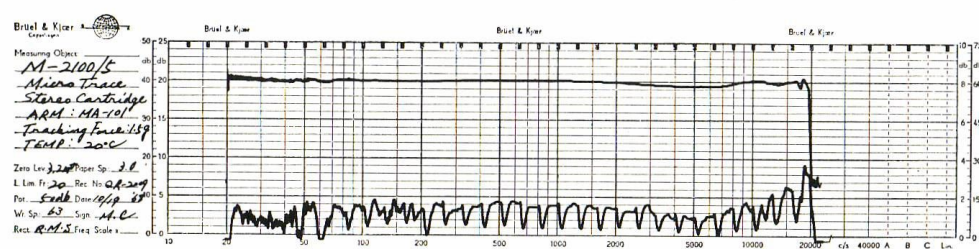


M-2100/e and /6 offer the well-balanced and dynamic music sound with superb distortion free characteristics.

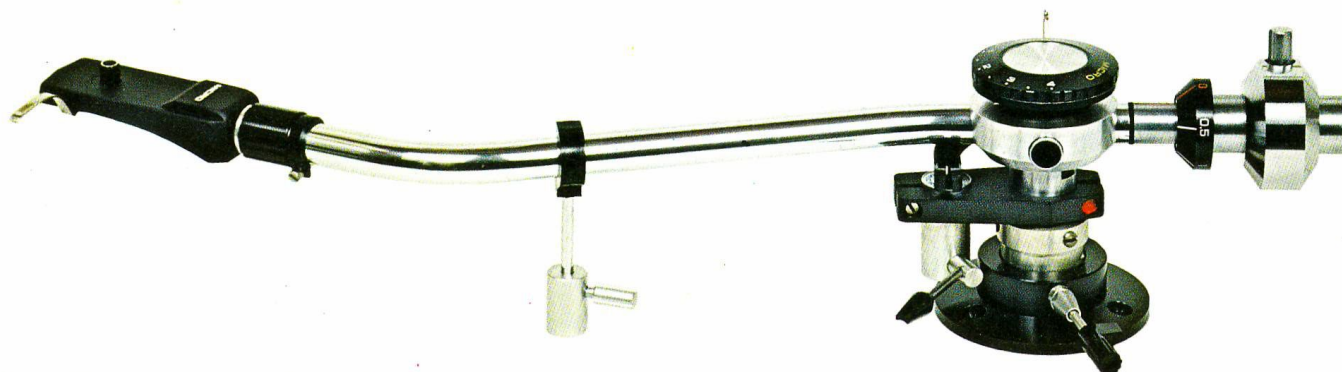
SPECIFICATIONS

	M-2100/6	M-2100/e
Frequency Response	10~28,000 Hz	10~30,000 Hz
Channel Separation	28dB at 1kHz	30dB at 1kHz
Compliance	23×10^{-6} cm/dyne	28×10^{-6} cm/dyne
Output Voltage	6mV, 1kHz/3.54cm/sec.	4mV, 1kHz/3.54cm/sec.
Output Balance	less than 1/2 dB	less than 1/2 dB
Tracking Force	2grs (3/4 ~ 3grs)	1 1/2 grs (1/2 ~ 1 1/2 grs)
Stylus	V-2100/6 0.6 mil, round	V-2100/e 0.3 $\times$ 0.8 mil, elliptical
Suitable Load Resistance	47k ohms	47k ohms
Net Weight	4.5grs	4.5grs

FREQUENCY RESPONSE AND CHANNEL SEPARATION



MA-101MK-II



MA-101MK-II SPECIFICATIONS

Type	: Static balance type
Dimensions	: Overall length 333 mm
	: Effective length 237 mm
	: Height Adjustable 42 ~ 85 mm (between motor board face and cartridge mounting face)
Offset angle	: 21°
Overhang	: 15 mm
Tracking error	: 1.5° or less
Matching cartridge (self weight)	: 4 ~ 15 grs
Shell weight	: 11 g
Variable range of stylus pressure	: 0 ~ 3 g direct reading
Maximum length of rear part	: 85 mm
Variable range of side pressure	: up to 400 mg

STATIC BALANCE TYPE S-SHAPE TONE ARM

- Non-resonant, ultra-high sensitivity STATIC BALANCE TYPE S-SHAPED TONE ARM (effective length 9-1/3") with SPLIT and REVOLVING TYPE COUNTER WEIGHT assures faithful tracking ability with excellent sensitivity and makes easier balancing of cartridges, and accepts cartridge weight from 4 to 15 grms.
- New SPRING TYPE ANTI-SKATING DEVICES with BIAS ADJUSTABLE DIAL (up to 400mg) are effective for cancel of the inside force according to stylus pressure and for elimination of distortion.
- DIRECT READING SCALE RING makes easier the adjustment of the stylus pressure from 0 to 3 grms.
- DELAY MOTION TYPE ARM LIFTER protects the cartridge from any shock at starting and ending of disc, and promises "feather touch" cuing.
- Height adjustment function assures easy and accurate fine adjustment of tone arm height.
- ADJUSTMENT RING FOR PROPER INSTALLATION OF CARTRIDGE SHELL permits cartridges to keep the vertical accuracy on the disc surface.

MA-77MK-II



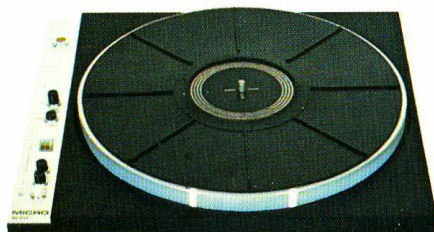
MA-77MK-II SPECIFICATIONS

Type	: Static balance type
Dimensions	: Overall length 335 mm
	: Effective length 237 mm
	: Height Adjustable 47 ~ 92 mm (between motor board face and cartridge mounting face)
Offset angle	: 21°
Overhang	: 15 mm
Tracking error	: 1.5° or less
Matching cartridge (self weight)	: 2 ~ 18 grs
Shell weight	: 11 g
Variable range of stylus pressure	: 0 ~ 3 g direct reading
Maximum length of rear part	: 80 mm
Variable range of side pressure	: 0 ~ 330 mg

STATIC BALANCE TYPE S-SHAPED TONE ARM

- Non-resonance high sensitivity, STATIC BALANCE TYPE S-SHAPE TUBULAR TONE ARM (effective length 9-11/32", total length 13-3/16") with SPLIT and REVOLVING TYPE COUNTER WEIGHT offers excellent sensitivity and exceptional tracking ability in both vertical and horizontal directions, and makes easier balancing adjustment of cartridges.
- New SPRING TYPE ANTI-SKATING DEVICES with ADJUSTABLE CANCEL FORCE (0—330mg) are effective for the faithful stability on the constant pressure against groove and eliminate the distortion caused from inside-force.
- SPARE SUB-WEIGHT is available for installation of any kind of cartridges (weight 2—18 grms).
- DIRECT READING SCALE RING makes easier the adjustment of stylus pressure from 0 to 3 grms.
- DELAY MOTION TYPE ARM LIFTER permits the tone arm to operate with "feather touch cuing" and permits cartridges to protect from any damage at ending.

MB-800S



BELT DRIVE PROFESSIONAL QUALITY DUAL VOLTAGE TURNTABLE

- 12-5/8" CAST ZINC ALLOY, HEAVY DUTY PLATTER (weight 7lbs.), driven by POLYURETHAN BELT assures minimized wow-flutter (less than 0.04%). HEAVY DUTY 8 POLE HYSTERESIS SYNCHRONOUS MOTOR, DUAL VOLTAGE FUNCTION (starts at line voltage and plays at 20% reduced voltage) assures quiet revolution with extremely high S/N ratio (better than 55dB.).
- 2-SPEED SELECTOR, PUSH BUTTONS, VOLTAGE INDICATOR, HORIZONTAL LEVEL METER with illumination light and STROBO-SCOPE make MODERN ELEGANT DESIGN.

SPECIFICATIONS

Motor : 8 pole hysteresis synchronous motor
 Speed : 2 speeds 33-1/3 & 45rpm
 Turn table : Cast zinc alloy 12-5/8" heavy duty platter weight 7lbs.
 Power requirement: Universal voltage 100/110/117/200/220 & 240 V
 Wow & flutter : less than 0.04%
 S/N ratio : more than 55dB
 Weight : 16 lbs.
 Dimensions: 15" (W) x 13-5/8" (D) x 5-1/2" (H)

MB-600



BELT DRIVE PROFESSIONAL QUALITY TURNTABLE

- 12-1/2" CAST ALUMINUM ALLOY, DOUBLE RIM PLATTER (weight 3lbs.) driven by POLYURETHAN BELT assures minimized wow-flutter (less than 0.05%).
- HEAVY DUTY 8 POLE HYSTERESIS SYNCHRONOUS MOTOR, assures quiet revolution with extremely high S/N ratio (better than 52dB.).
- 2-SPEED SELECTOR, PUSH BUTTONS.

SPECIFICATIONS

Motor : 8 pole hysteresis synchronous motor
 Speed : 2 speeds 33-1/3 & 45rpm
 Turn table : Cast aluminum alloy 12-1/2" double rim platter weight 3lbs.
 Power requirement: Universal voltage 100/110/117/200/220 & 240 V
 Wow & flutter : less than 0.05%
 S/N ratio : more than 52dB
 Weight : 11 lbs.
 Dimensions: 13-3/8" (W) x 13-3/8" (D) x 5-5/8" (H)

MB-400S



BELT DRIVE HIGH QUALITY TURNTABLE

- 12-1/2" CAST ALUMINUM ALLOY DOUBLE RIM PLATTER, (weight 3lbs.) driven by High-precision polished in uniform thickness POLYURETHAN BELT assures constant and smooth revolution with minimized wow-flutter (less than 0.06%).
- 4 POLE HYSTERESIS SYNCHRONOUS MOTOR, large STAINLESS SPINDLE SHAFT housed in ALUMINUM ALLOY DIECAST HOUSING inserted BRONZE BEARING provides constant and stable speed, with high S/N ratio (better than 50dB.).
- BELT PROTECTION MECHANISM, incorporated in PUSH BUTTON SPEED SELECTOR prevents a deformation of the belt.
- DARK GREEN METALIC FINISH MODERN ELEGANT DESIGN.

SPECIFICATIONS

Motor : 4 pole hysteresis synchronous motor
 Speed : 2 speeds 33-1/3 & 45rpm
 Turn table : Cast aluminum alloy 12-1/2" double rim platter weight 3lbs.
 Power requirement: Universal voltage 100/110/117/200/220 & 240 V
 Wow & flutter : less than 0.06%
 S/N ratio : more than 50dB
 Weight : 11 lbs.
 Dimensions: 13-3/8" (W) x 13-3/8" (D) x 5-1/8" (H)

MB-300



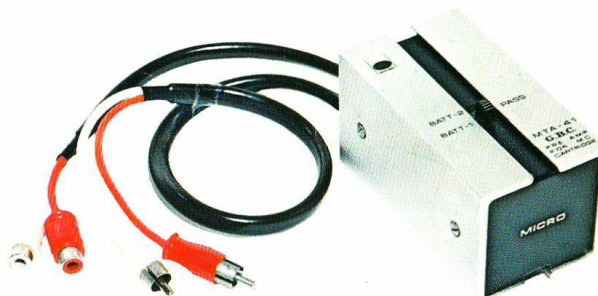
BELT DRIVE TURNTABLE WITH BELT PROTECTION MECHANISM

- 12" CAST ALUMINUM ALLOY DOUBLE RIM PLATTER, driven by High-precision polished in uniform thickness POLYURETHAN BELT assures constant and smooth revolution with minimized wow-flutter (less than 0.07%).
- 4 POLE HYSTERESIS SYNCHRONOUS OUTER ROTOR MOTOR, WITH RADIATOR provides constant and stable speed, with good S/N ratio (better than 48dB.).
- BELT PROTECTION MECHANISM, incorporated in PUSH BUTTONS SPEED SELECTOR prevents a deformation of the belt.
- METALLIC FINISHED MODERN ELEGANT DESIGN.

SPECIFICATIONS

Motor : 4 pole hysteresis synchronous outer rotor motor
 Speed : 2 speeds 33-1/3 & 45rpm
 Turn table : Cast aluminum alloy 12" double rim platter weight 2.2lbs.
 Power requirement: Universal voltage 100/110/117/200/220 & 240 V
 Wow & flutter : less than 0.07%
 S/N ratio : more than 48dB
 Weight : 9 lbs.
 Dimensions: 13-3/8" (W) x 13-3/8" (D) x 3-1/4" (H)

MTA-41



G.B.C. PRE-AMPLIFIER FOR MOVING COIL CARTRIDGE

MTA-41, solid state pre-amplifier adopted GRANDED BASE CIRCUITS, reproduces the finest sound with moving coil stereo cartridge. Two batteries and pass switch, permit to use cartridges of high output and protect from the distortion caused by battery drain.

SPECIFICATIONS

Gain	: 30 dB $\pm$ 1 dB (at $Z_s = 3$ ohms, 1kHz)
Frequency Response	: 5 ~ 40,000 Hz $\pm$ 1 dB
Channel Balance	: $\pm$ 0.5 dB (1kHz)
Input Impedance	: 450 ohms (1kHz)
Output Impedance	: 4500 ohms (1kHz)
Noise for Input level	: less than -120 dB/V
Adaptable Cartridge	: 1 ~ 50 ohms, Output Impedance. 0.1 ~ 1 mV, 3.54 cm/sec.
Power Source	: Output Voltage. 006P (9V) battery, 1 pc.
Dimensions	: 2" $\times$ 2" $\times$ 3-1/2"

MSB-1



MICRO SHOCK ABSORBER "MICROSORBER"

MSB-1, "MICROSORBER" is a high quality product using air damped high efficiency materials and perfectly eliminates "howling" from your stereo system and assures clean musical sound reproduction, without any microphonic noise or distortions. HEIGHT ADJUSTMENT DEVICE permits easy lateral adjustment for unbalanced weight of the turntable.

SPECIFICATIONS

Height Adjustable	: Up to 3/8 inch
Range	: Up to 3/8 inch
Supportable Weight	: 9 lbs.
Per pc.	: 2-3/16" dia 1-3/4" min. (H)
Dimension	: 0.6 lbs. (4 pcs. per case)
Net Weight	

MDP-3



AUTOMATIC RECORD CLEANER "DUST P.U. EXTRA"

MDP-3 "DUST P.U. Extra" is a high quality product, using a "pair cleaner" system of a brush and a disc-cleaner combined that automatically wipes clean record groove dust and helps prevent additional dust from forming. This presents noise-free performance and conserves the life of the stylus and disc record.

Specifications will be changed subject to modification without notice.



MICRO SEIKI CO., LTD.

19 FUJIMI-CHO ITABASHI-KU TOKYO JAPAN
PHONE 03(962)4621-8 - CABLE "MICROSEIKI" TOKYO

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